RHINO Mobility

2D WIRED BARCODE SCANNER

RM1960

1MP image frame rate up to 60fps
Support OCR (Passport, ID card, driving license card,Visa Card etc.)
Support USB, RS-232 and Virtual serial port.
Can read all 1D/2D/Dotcode barcode on the screen and paper
Can work with Win XP/7/8/10, iOS, Android system
Strong decode ability to read difficult barcodes (blurred, wrinkled, fuzzy, low contrast, high density)

APPLICATION

Chain store, Retail, Supermarket, Health care, Clothing, Tobacco, etc.

1M pixel | 1D | 2D | Quick reading | Plug and play | Two color indicator | Automatic | Anti seismic anti falling

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TECHNICAL SPECIFICATION

OS OS
Windows
iOS / Android

Image Sensor
CMOS

Image(Pixels)
1280 (H)*800 (v)pixels

light source
Aiming: 625 nm LED;
illumination:4000K LED

Scan Mode
Handhand (Manual) /
Handfree (Automatic)

FPS Frame Rate
60fps/s

Scan accuracy
4mil@ Code39

Print Contrast
20%

Visual Indicator
Red and Blue LED Light ,
Buzzer

Interfaces
USB keyboard,
USB virtual serial port,
RS-232

Scan Angle
Left and right ± 55 °
Front and rear ± 55 °
Rotate 360 °

Field of view
41° horizontal, 28° vertical

Transmission Mode
Wired Transmission

Dimension L x W x H
Scanner 174*66*94 mm

Weight
205g with cable

Cable
Standard 1.8M straight

Case Material
ABS+PC TPU

Power parameter
Input Voltage 5VDC±5%
Working corrent 190mA
Typical value
Standby current 70mA

Environmental parameters
Operating Temperature -20 --+ 60
Working Humidity 5% to 95% relative humidity, non-condensing
Storage Temperature -40 ~+70
Electrostatic protection ±8 kV Direct discharge
Ambient brightness 0~100,000Lux
Drop Resistance 2M IP IP52

Firmware Update
Computer online upgrade

Safety regulations
CE (EN 55032:2015;
EN 55035:2017), ROHS BIS
EN62368-1:2014+A11:2017
FCC PART 15 CLASS B

Scan distance
25-300mm @ EAN 13mil PCS=100%
30-350mm @ QR 20mil PCS=100%

Decoding Capability

1D UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39 (with full ASCII), Codabar (NW7), Code 128 & EAN 128, Code 93, Interleaved 2 of 5 (ITF), Addendum 2 of 5, IATA Code, MSI/Plessy, China Postal Code,Code 32 (Italian Pharmacode) RSS-14 RSS-Limited RSS-Expand, etc.

2D: QR Code, Data Matrix, PDF417, Aztec, Maxicode Dotcode, GS1 DataBar stack, etc. OCR(Chinese ID card and some overseas national certificates)

Optional configuration

Scanner bracket
Realize handfree scan